Electronic Acknowledgement Receipt				
EFS ID:	5802677			
Application Number:	10696545			
International Application Number:				
Confirmation Number:	7826			
Title of Invention:	Hybrid window layer for photovoltaic cells			
First Named Inventor/Applicant Name:	Xunming Deng			
Customer Number:	04859			
Filer:	Catherine B. Martineau			
Filer Authorized By:				
Attorney Docket Number:	03026/PHYS00402			
Receipt Date:	30-JUL-2009			
Filing Date:	29-OCT-2003			
Time Stamp:	19:59:01			
Application Type:	Utility under 35 USC 111(a)			

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	5083
Deposit Account	130005
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	420_25574_IDS_PHYS_00402. pdf	609595	no	Ø
	1 Hea (35/00)	pui	c924291dbd89df24861cc432cda738398ffe 4c92		
Warnings:					
Information:					
2	Information Disclosure Statement (IDS)	420_25574_IDS2_PHYS_00402. pdf	610940	no	7
	Filed (SB/08)	pui	9f26c1aaec44d9a9d65ed128585032c3e5f0 fc9d		
Warnings:					
Information:					
3	Foreign Reference	420_25574_1-JP2000264053.	1547412	no	14
		pdf	8883b6b46b2fe0acfbc90ba298b6652b9ab 6638f		
Warnings:					
Information:					
4	Foreign Reference	420_25574_2-JP2277592.pdf	878032	no	10
7	TorcigiTherefere	420_2337 4_2 31 2277332.pdf	d513bdd564eb9c52fa2161077377c1413bc 3fd3b	no	
Warnings:					
Information:					
5	Foreign Reference	420_25574_3-JP362092380.pdf	255043	no	8
-			ab2f0ed2fbc8b5e8bcffc29b31afa61f12a5c 4d4		
Warnings:					
Information:					
6	Foreign Reference	420_25574_4-408051227.pdf	660557	no	11
Ū	, oreignnerenee		0844195c4f2d33ed79de3399c68e015cb4d 4ca7b	0	
Warnings:					
Information:					
7	7 NPL Documents	420_25574_1-Miller.pdf .	929414	no	9
,	Wi E Documents		59eec0ce6231e60cfd5adcae780d1067728 71156		
Warnings:					
Information:					
8 NPL Documents	420_25574_2-Bak.pdf	1893671	no s	32	
J	5 141 L Documents 420_233/4_2-bak.μαι	282940698a29bcd286860d5aca7efae53cf5 7c96			

Marnings:	Warnings:					
NPL Documents	Information:					
Marings Mar	9	NPL Documents	420_25574_3-Ohmori.pdf		no	8
Information:	Warnings]			
NPL Documents						
Marnings:				898938		13
NPL Documents	10	NPL Documents	- ·			
NPL Documents	Warnings:					
NPL Documents	Information:		+			
Marnings:	11	NPL Documents	420_25574_5-El-Shatter.pdf	227745	no	7
Information:						
12	Warnings:					
12	Information:					
Warnings:	12	NPL Documents	420_25574_6-Hollmuller.pdf	723670	no	13
Information:						
NPL Documents						
13	Information:		1	1		<u> </u>
Marnings:	13	NPL Documents	420_25574_7-Abaoud.pdf		no	5
Information:				f55		
14						
NPL Documents	Information:		1			
Warnings:	14	NPL Documents	420_25574_8-Szyszka.pdf		no	12
Information:						
15 NPL Documents 420_25574_9-Bolton.pdf 934987 no 3b494501f05bcb977a17b08ea2962908919 51d82 no 3b494501f05bcb977a17b08ea2962908919 no 3b4						
NPL Documents	Information:			1		<u> </u>
Marnings: Information:	15	NPL Documents	420_25574_9-Bolton.pdf	934987	no	14
Information:				3b484501f05bcb977a17b08ea2962908919 51d82)	
16 NPL Documents 420_25574_10-Kocha.pdf 510789 no 7c527a6e5054b13caba59ba49119be14a5a d0b2c Warnings: Information:	Warnings:					
16 NPL Documents 420_25574_10-Kocha.pdf	Information:		_			
Warnings: Information:	16	16 NPL Documents	420_25574_10-Kocha.pdf	510789	no	9
Information:				7c527a6e5054b13caba59ba49119be14a5a d0b2c		
439924	Information:					.
17 NPL Documents 420_25574_11-Licht.pdf no	17	NPL Documents	420_25574_11-Licht.pdf		no	6

Warnings:					
Information:					
18	NPL Documents	420_25574_12-Shukla.pdf	525959	no	7
			5be8f94eb71e15c8df7aac49f97bda4bd646 1356		
Warnings:					
Information:					_
19 NPL 0	NPL Documents	420_25574_13-Gao.pdf	387202	no	7
			2c6335382d4bd3a01286dea13d7bd56d6a 9bdfd9		
Warnings:					
Information:					
20	NPL Documents	420_25574_14-Rocheleau.pdf	647647	no	12
		<u>-</u>	4ab99222ea2d235dbea875625c41a291188 0d66f		
Warnings:					
Information:					
21	NPL Documents	420_25574_15-Perez-Mendez.	501389	no	5
_,	, a godanieno	pdf	d657ba9d90998c7b01cd3a61ede49a195b b022e1		
Warnings:					
Information:					
22	NPL Documents	420_25574_16-Hong.pdf	658837	no	7
			61e4c6e4883ef6c97eb2d5c3733a467451c 9192c		
Warnings:					
Information:					
23	NPL Documents	420_25574_17-Holcomb.pdf	105746	no	2
			f204faef94022c76eeff4f919c25b324af31ed d1		
Warnings:		·	•		-
Information:					
24	NPL Documents	420_25574_18-Deng.pdf	323063	no	4
21	THE BOCAMENTS	120_23371_10 Belig.pdi	d33e2101d43dde5cee888ddafcab2b3d82a b3b08		
Warnings:					
Information:					
25	NPL Documents	420_25574_19-Wang.pdf	240741	no 5c	4
23		120_23377_13 wang.pul	d933f9c494a8233dcb08f7642d7cc4e4af5c 56c9		
Warnings:					
Information:			,		
26	NPL Documents	420_25574_20-Povolny.pdf	315277	no	5
-			11c90b1cd0a5a9c41cd74edc55d6f144f5c7 3ec4		

Warnings:					
Information:					
27	NPL Documents	420_25574_21-Kymakis.pdf	464192	no	5
27 Ni E Documents	420_23374_21=Rymaxis.pui	23b16780daacfc07412a72953c11dbfca9f9 affa	110		
Warnings:					
Information:					
28	28 NPL Documents 420 25574 22-Pratima.r	420_25574_22-Pratima.pdf	387072	no	15
		123_2337 (_22) (4411114)	99f9d8306aa6810a31255ea71e53e73546d 6a1dc		
Warnings:					
Information:					
29 NF	NPL Documents	420_25574_23-Liao.pdf	285471	no	4
			7a698ac48298e91efb0d9ea48d43471d54d daac9		
Warnings:					
Information:					
30 Fee Worksheet (PTO-875)	Fee Worksheet (PTO-875)	fee-info.pdf	30347	no	2
	'	aa43fbfe83a0e89d46240ede544f15bcfbf8e 5e3	1		
Warnings:					
Information:					
		Total Files Size (in bytes)	190	93187	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.